

2012 Central Valley Flood Protection Plan Draft Program Environmental Impact Report



PUBLIC SAFETY

ENVIRONMENTAL STEWARDSHIP

ECONOMIC STABILITY

Study Area

Study Area

Extended Systemwide Planning Area



Sacramento and San Joaquin Valley and Foothills



Delta and Suisun Marsh



Sacramento and San Joaquin Valley Watersheds



SoCal/Coastal CVP/SWP Service Areas



Proposed Program

- Physical elements
 - **Regional Improvements**
 - Urban
 - Small Community
 - Rural-Agricultural
 - **System Improvements**
- Ecosystem restoration opportunities integrated
- Policies, guidance, and implementation strategies



Systemwide Perspective

- Considers the Central Valley flood system as a whole
- Focuses on State Plan of Flood Control
- Recognizes State's fundamental interests
 - Public safety
 - Environmental stewardship
 - Economic stability



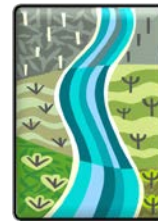
Reservoir Storage Operations

Protection for Rural-Agricultural Areas and Small Communities



Ecosystem Functions within Flood System

Conveyance of Flood Flows



Management of Floodplains



Protection for Urban Areas

Environmental Stewardship Integration

- Ecosystem restoration and enhancement opportunities are integrated with SSIA elements
- Conservation Framework
 - Describes floodway ecosystem conditions and trends
 - Focuses on promoting ecosystem functions and multi-benefit projects in the context of integrated flood management
 - Previews the long-term Central Valley Flood System Conservation Strategy



Alternatives Evaluated

- No-Project Alternative—Continued Operations Scenario
- No-Project Alternative—No Additional Activities Scenario
- Modified State Systemwide Investment Approach Alternative
- Achieve SPFC Design Flow Capacities Alternative
- Achieve SPFC Design Flow Capacities with Strict ETL Compliance Alternative
- Protect High-Risk Communities Alternative
- Enhance Flood System Capacity Alternative

Less than Significant Impacts

Significant or Potentially Significant Impacts that were reduced to less-than-significant level with implementation of mitigation measures

- Aesthetics,
- Groundwater Resources,
- Hazards and Hazardous Materials,
- Hydrology,
- Noise,
- Population, Employment and Housing
- Recreation,
- Utilities and Service Systems, and
- Water Quality.



Potentially Significant Impacts

Impacts that could be potentially significant and unavoidable

- Agricultural and forestry resources
- Air Quality
- Biological resources – aquatic,
- Biological resources – terrestrial,
- Cultural resources,
- Geology, Soils, and Seismicity, and
- Transportation and Traffic



Significant Impacts

Impacts that could be significant and unavoidable

- Biological Resources – Aquatic,
- Land Use and Planning



Beneficial Impacts

Impacts that would be beneficial and no mitigation is required, therefore, the impact would remain beneficial

- Biological Resources – Aquatic,
- Biological Resources – Terrestrial
- Geology, Soils, and Seismicity
- Utilities and Service Systems



Next Steps

- April 5, 6, 9 and 11 - Public Hearings
- April 20 5pm PST - Public Comment period ends
- Mid June - DWR considers certification
- July - CFVPB considers adoption of the PEIR as a responsible agency